

ORIGINAL

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

FIELD NOTES
OF THE
DEPENDENT RESURVEY OF
A PORTION OF THE EAST BOUNDARY OF
THE WHITE MOUNTAIN APACHE INDIAN RESERVATION
THRU
UNSURVEYED TOWNSHIP 3 1/2 NORTH, RANGE 28 EAST
AND THRU
UNSURVEYED TOWNSHIP 4 NORTH, RANGE 27 1/2 EAST,
OF THE GILA AND SALT RIVER MERIDIAN,
IN THE STATE OF ARIZONA.

EXECUTED BY

Blas J. Urena, Cadastral Surveyor

Under Special Instructions dated August 24, 2012, approved August 24, 2012, which provided for the surveys included under Group No. 1108, and assignment instructions dated June 4, 2013.

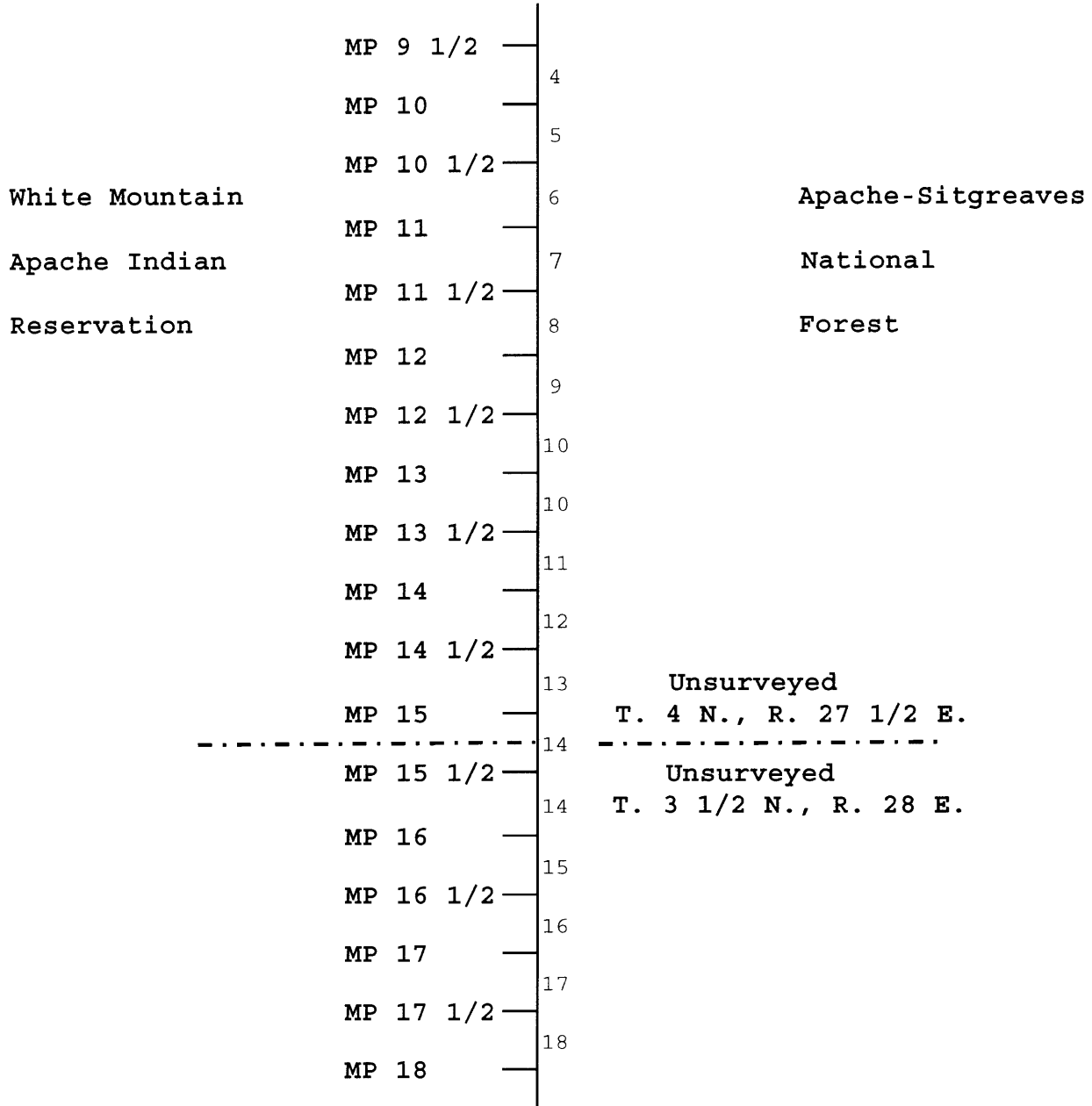
Survey commenced June 13, 2013

Survey completed July 11, 2013

INDEX DIAGRAM

UNSURVEYED TOWNSHIP 3 1/2 NORTH RANGE 28 EAST
AND

UNSURVEYED TOWNSHIP 4 NORTH RANGE 27 1/2 EAST
GILA AND SALT RIVER MERIDIAN, ARIZONA



**Unsurveyed T. 3 1/2 N., R. 28 E, Gila and Salt River Meridian, Arizona,
and Unsurveyed T. 4 N., R. 27 1/2 E, Gila and Salt River Meridian, Arizona**

CHAINS

The following field notes describe the dependent resurvey of a portion of the east boundary of the White Mountain Apache Indian Reservation thru unsurveyed Township 3 1/2 North, Range 28 East and thru unsurveyed Township 4 North, Range 27 1/2 East, Gila and Salt River Meridian, Arizona.

The history of surveys pertaining to this survey is as follows:

The east boundary of the White Mountain Indian Reservation, in the area surveyed was established by an Executive Order, dated July 21, 1874. In 1883 W.R. Fitzgerald surveyed the south boundary of the township, identical with the First Standard Parallel North, and established a standard closing corner at the computed intersection with the east boundary of the White Mountain Indian Reservation. In 1883, Fitzgerald from the standard closing corner, surveyed the west boundary of the township, identical with the east boundary of the White Mountain Indian Reservation, establishing corners at intervals of 40.00 and 80.00 chs. distance. In 1913 William B. Kimmel executed an independent resurvey of the east boundary of the Fort Apache Indian Reservation, marking all mile and half mile corners as White Mountain Indian Reservation, the original designation of the entire line. Kimmel recovered and destroyed old closing corners of accepted surveys and reestablished them on the resurveyed reservation boundary. In 1969, John H. Witmer recovered mile post 7, on the east boundary of the White Mountain Apache Indian Reservation and established new bearing trees. Gordon R. Bubel dependently resurveyed a portion of the east boundary of the White Mountain Apache Indian Reservation from mile post 3 1/2 to Mile post 9 1/2 in 2012, executed under this same group.

The survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions for the Survey of the Public Lands of the United States, 2009, and the Special Instructions dated August 24, 2012, for Group Number 1108, Arizona.

The true meridian direction and length of all lines were determined by real time kinematic global positioning system observations using Trimble Navigation 5700 and R8 model receivers.

Preliminary to the resurvey, the lines of the prior surveys were retraced and search was made for all corners and other calls of record. Identified corners were remonumented in their original positions. The retracement data were thoroughly verified and only the true line field notes are given herein.

Unsurveyed T. 3 1/2 N., R. 28 E, Gila and Salt River Meridian, Arizona,
and Unserved T. 4 N., R. 27 1/2 E, Gila and Salt River Meridian, Arizona

CHAINS

The "USFS signs # 54-2" referred to in these notes are marked "PROPERTY BOUNDARY National Forest land behind this sign". The USFS signs # 54-4 are marked "ATTENTION To willfully destroy, deface, change, or remove any Government Survey Corner or Monument, or to willfully cut down any Witness Tree or Blazed Tree marking the line of a Government Survey, is punishable by a Fine of \$250.00 or Six Months Imprisonment or both". The USFS signs # 54-9 are marked "LAND SURVEY MONUMENT Please do not disturb".

Geodetic control was derived from Global Positioning System (GPS) static observations post processed by National Geodetic Survey, Online Positioning User Service (OPUS), utilizing Continuously Operating Reference Stations (CORS) DK7569 AZSF SAFFORD, AF9512 PIE1 PIETOWN, and DF5763 AZGB GILA COUNTY. The NAD 83(2011) (EPOCH: 2010.0000), geographic position of the 9 1/2 mile post, is as follows:

Latitude: 33°46'39.716" N. Longitude: 109°29'43.569" W.

The NAD 83(2011) (EPOCH: 2010.0000), geographic position of the 18 mile post, is as follows:

Latitude: 33°39'15.353" N. Longitude: 109°29'43.974" W.

The mean magnetic declination is 10° E.

**Dependent Resurvey of a Portion of the East Boundary
of the White Mountain Apache Indian Reservation, thru
Unsurveyed T. 3 1/2 N., R. 28 E., Gila and Salt River Meridian,
Arizona, and thru Unserved T. 4 N., R. 27 1/2 E., Gila and
Salt River Meridian, Arizona**

Restoring the independent resurvey executed by
William B. Kummel, in 1913

Beginning at mile post 9 1/2, in unsurveyed T. 4 N., R. 27 1/2 E., monumented with an iron post, 1 in. diam., firmly set, projecting 8 ins. above ground, encircled with a collar of stone, with brass cap mkd. WMIR 9 1/2 M 1913 2012.

from which the bearing trees marked by Gordon Bubel in 2012

A pine, 19 ins. diam., bears S. 50° W., 33 lks. dist., mkd. X at breast height and BT at base, with a BT tag.

A pine, 14 ins. diam., bears N. 5° W., 21.5 lks. dist., mkd. X at breast height and BT at base, with a BT tag.

Cor. is located in a barbed wire fence, bears N. and S.

Dependent Resurvey of a Portion of the East Boundary of the White Mountain
 Apache Indian Reservation, thru Unsurveyed T. 3 1/2 N., R. 28 E,
 Gila and Salt River Meridian, Arizona, and thru Unsurveyed
 T. 4 N., R. 27 1/2 E, Gila and Salt River Meridian, Arizona

CHAINS	
	<p>A steel fence post, is set alongside the cor., with attached sign mkd. BOUNDARY FORT APACHE INDIAN RESERVATION, facing E. and attached USFS signs # 54-2 and # 54-4 facing W. Attach USFS sign # 54-9 to the steel fence post.</p>
	<p>S. 0°10' W., on the E. bdy. of the White Mountain Apache Indian Reservation.</p>
	<p>Over level land, through partly burnt pine and aspen timber, along a barbed wire fence.</p>
4.00	<p>A 1913 line tree, a pine, 33 ins. diam., no marks visible.</p>
7.16	<p>Remains of a 1913 line tree, a stump hole, 48 ins. diam., with burnt stump.</p>
40.03	<p>Mile post 10, monumented with an iron post, 3 ins. diam., firmly set, projecting 12 ins. above ground, with brass cap mkd. WMIR 10M PL 1913 2012, from which the 1913 bearing trees;</p>
	<p>A pine, 24 ins. diam., bears N. 56 1/2° E., 25 lks. dist., with a healed blaze, add a BT sign.</p>
	<p>A pine, 22 ins. diam., bears S. 30° E., 22 lks. dist., with an illegible scribe marks on partially healed blaze, with a BT tag.</p>
	<p>A burnt pine stump, 24 ins. diam., 5 1/2 ft. high, bears S. 75° W., 23 lks. dist., with a BT tag.</p>
	<p>A pine stump, 22 ins. diam., 3 ft. high, bears N. 51 1/4° W., 27 lks. dist., add a BT tag.</p>
	<p>Cor. is located in a barbed wire fence, bears N. and S.</p>
	<p>Set a steel fence post with attached USFS signs # 54-2 and # 54-9, 2 lks. N. of cor. and a steel fence post with sign mkd. BOUNDARY FORT APACHE INDIAN RESERVATION, 2 lks. S. of cor.</p>
	<p>S. 0°04' W., on the E. bdy. of the White Mountain Apache Indian Reservation.</p>
	<p>Over level land, through partly burnt pine and aspen timber, along a barbed wire fence.</p>
6.96	<p>Remains of a 1913 line tree, a stump hole, 48 ins. diam., with burnt pine.</p>

Dependent Resurvey of a Portion of the East Boundary of the White Mountain
 Apache Indian Reservation, thru Unsurveyed T. 3 1/2 N., R. 28 E,
 Gila and Salt River Meridian, Arizona, and thru Unsurveyed
 T. 4 N., R. 27 1/2 E, Gila and Salt River Meridian, Arizona

CHAINS	
40.05	<p>Mile post 10 1/2, monumented with an embedded mound of stone, in a downed barbed wire fence line with a steel fence post, set S. of the mound of stone, with attached sign mkd. BOUNDARY FORT APACHE INDIAN RESERVATION, facing E. and attached USFS signs # 54-2 and # 54-4 facing W., from which the 1913 bearing trees;</p> <p>Remains of a burnt stump, with a stump hole, 24 ins. diam., bears S. 15° E., 51 lks. dist., with a burnt and downed aspen alongside and a burnt BT tag alongside.</p> <p>A stump hole, 30 ins. diam., bears S. 11 1/4° W., 67 lks. dist., with a burnt pine alongside.</p> <p>and new bearing trees</p> <p>A pine, 12 ins. diam., bears N. 65° E., 53.3 lks. dist., mkd. X at breast height and BT at base, with a BT tag.</p> <p>A pine, 11 ins. diam., bears N. 30° W., 68.2 lks. dist., mkd. X at breast height and BT at base, with a BT tag.</p> <p>At the corner point</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 19 ins. in the ground, in a mound of stone, 2 ft. base, to top, with brass cap mkd.</p> <div style="text-align: center;"> <p>FAIR</p> <p>10 1/2 M</p> <p>2013</p> </div> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p>Cor. is located in a downed barbed wire fence, bears N. and S.</p> <p>Removed steel fence post, S. of the mound of stone, with attached sign mkd. BOUNDARY FORT APACHE INDIAN RESERVATION, facing E. and attached USFS signs # 54-2 and # 54-4 facing W.</p> <p>Set a steel fence post with attached USFS signs # 54-2 and # 54-9, 2.7 lks. N. of cor. and a steel fence post with sign mkd. BOUNDARY FORT APACHE INDIAN RESERVATION, 6.8 lks. S. of cor.</p> <hr style="width: 30%; margin: 10px auto;"/> <p>S. 0°01' W., beginning new measurement, continuing on the E. bdy. of the White Mountain Apache Indian Reservation.</p> <p>Over level and rolling land, through partly burnt timber, along a barbed wire fence.</p>

Dependent Resurvey of a Portion of the East Boundary of the White Mountain
 Apache Indian Reservation, thru Unsurveyed T. 3 1/2 N., R. 28 E,
 Gila and Salt River Meridian, Arizona, and thru Unsurveyed
 T. 4 N., R. 27 1/2 E, Gila and Salt River Meridian, Arizona

CHAINS	
18.26	Trail road, 23 lks. wide, bears S. 40° E. and N 40° W.
39.25	Remains of a 1913 line tree, a stump hole, 36 ins. diam., with burnt pine alongside.
40.02	Mile post 11, monumented with an iron post, 3 ins. diam., firmly set, projecting 12 ins. above ground, with brass cap mkd. WMIR 11M PL 1913, from which the remaining 1913 bearing trees;
	A stump hole, 36 ins. diam., bears N. 34° E., 32 lks. dist.
	A burnt pine, 18 ins. diam., bears N. 42° W., 39 lks. dist., with a BT tag.
	and a new bearing tree and bearing object
	A rebar, 5/8 in. diam., 36 ins. long, 32 ins. in the ground, with brass washer, 1 1/2 ins. diam., mkd BLM 2013, bears S. 77°23' E., 124.3 lks. dist., with a steel fence post with attached USFS sign # 54-9.
	A pine, 24 ins. diam., bears N. 41 1/4° W., 181 lks. dist., mkd. X at breast height and BT at base, with a BT tag.
	Cor. is located in a downed barbed wire fence, bears N. and S.
	A steel fence post, is set alongside the cor., with attached sign mkd. BOUNDARY FORT APACHE INDIAN RESERVATION, facing E. and attached USFS signs # 54-2 and # 54-4 facing W. Removed the steel fence post and signs.
	Set a steel fence post with attached USFS signs # 54-2 and # 54-9, 2.7 lks. N. of cor. and a steel fence post with sign mkd. BOUNDARY FORT APACHE INDIAN RESERVATION, 3.0 lks. S. of cor.
	Add the marks 2013 to the brass cap.
	<hr/> S. 0°04' W., on the E. bdy. of the White Mountain Apache Indian Reservation.
	Over rolling land, through partly burnt timber, along a barbed wire fence.
40.06	Mile post 11 1/2, monumented with an iron post, 1 in. diam., firmly set, projecting 8 ins. above ground, with brass cap mkd. WMIR 11 1/2 M 1913, from which the remaining 1913 bearing trees;
	A stump hole, 18 ins. diam., bears N. 81 1/4° E., 21 lks. dist.

Dependent Resurvey of a Portion of the East Boundary of the White Mountain
 Apache Indian Reservation, thru Unsurveyed T. 3 1/2 N., R. 28 E,
 Gila and Salt River Meridian, Arizona, and thru Unsurveyed
 T. 4 N., R. 27 1/2 E, Gila and Salt River Meridian, Arizona

CHAINS	
	<p>A pine, 24 ins. diam., bears N. 78 1/2° W., 15 lks. dist., with healed blaze and a BT tag.</p> <p>and a new bearing tree</p> <p>A pine, 12 ins. diam., bears N. 20° E., 48 lks. dist., mkd. X at breast height and BT at base, with a BT tag.</p> <p>Cor. is located in a barbed wire fence, bears N. and S.</p> <p>A steel fence post, is set alongside the cor., with attached sign mkd. BOUNDARY FORT APACHE INDIAN RESERVATION, facing E. and attached USFS signs # 54-2 and # 54-4 facing W. Removed the steel fence post and signs.</p> <p>Set a steel fence post with attached USFS signs # 54-2 and # 54-9, 2.1 lks. N. of cor. and a steel fence post with sign mkd. BOUNDARY FORT APACHE INDIAN RESERVATION, 2.1 lks. S. of cor.</p> <p>Add the marks 2013 to the brass cap.</p> <hr/> <p>S. 0°02' W., beginning new measurement, continuing on the E. bdy. of the White Mountain Apache Indian Reservation.</p> <p>Over rolling land, through partly burnt timber, along a barbed wire fence.</p>
39.25	Remains of a 1913 line tree, a stump hole, 42 ins. diam.
40.03	<p>Mile post 12, monumented with an iron post, 3 ins. diam., firmly set, projecting 6 ins. above ground, with brass cap mkd. WMIR 12M PL 1913, from which the remaining 1913 bearing trees;</p> <p>A stump hole, 24 ins. diam., bears S. 58° E., 42 lks. dist.</p> <p>A stump hole, 42 ins. diam., bears S. 41° W., 46 lks. dist.</p> <p>and new bearing trees</p> <p>A fir, 36 ins. diam., bears N. 40° E., 45.5 lks. dist., mkd. X at breast height and BT at base, with a BT tag.</p> <p>A pine, 18 ins. diam., bears S. 65° E., 43.5 lks. dist., mkd. X at breast height and BT at base, with a BT tag.</p> <p>A pine, 15 ins. diam., bears S. 15° W., 93 lks. dist., mkd. X at breast height and BT at base, with a BT tag.</p>

Dependent Resurvey of a Portion of the East Boundary of the White Mountain
 Apache Indian Reservation, thru Unsurveyed T. 3 1/2 N., R. 28 E,
 Gila and Salt River Meridian, Arizona, and thru Unsurveyed
 T. 4 N., R. 27 1/2 E, Gila and Salt River Meridian, Arizona

CHAINS	
	<p>A pine, 15 ins. diam., bears N. 20° W., 54.5 lks. dist., mkd. X at breast height and BT at base, with a BT tag.</p> <p>Cor. is located in a barbed wire fence, bears N. and S.</p> <p>A steel fence post, is set alongside the cor., with attached sign mkd. BOUNDARY FORT APACHE INDIAN RESERVATION, facing E. and attached USFS signs # 54-2 and # 54-4 facing W. Removed the steel fence post and signs.</p> <p>Set a steel fence post with attached USFS signs # 54-2 and # 54-9, 1.4 lks. N. of cor. and a steel fence post with sign mkd. BOUNDARY FORT APACHE INDIAN RESERVATION, 2.6 lks. S. of cor.</p> <p>Add the marks 2013 to the brass cap.</p> <hr/> <p>S. 0°03' W., on the E. bdy. of the White Mountain Apache Indian Reservation.</p> <p>Over rolling land, through partly burnt timber, along a barbed wire fence.</p>
21.09	Trail road, 27 lks. wide, bears E. and W.
40.08	<p>Mile post 12 1/2, monumented with an iron post, 1 in. diam., firmly set, projecting 15 ins. above ground, with brass cap mkd. WMIR 12 1/2 M 1913.</p> <p>from which new bearing objects</p> <p>The mark X on top of a boulder 4 x 3 ft., projecting 2.5 ft., bears N. 42° E., 41.3 lks. dist.</p> <p>The mark X on top of a boulder 10 x 8 ft. projecting 3.5 ft., bears S. 31° W., 46.4 lks. dist.</p> <p>Cor. is located in the east slope of a canyon, along a downed barbed wire fence, bears N. and S.</p> <p>A steel fence post, is set alongside the cor., with an attached illegible sign, facing E. and 2 attached illegible signs on the W. face.</p> <p>Set a steel fence post with attached USFS signs # 54-2 and # 54-9, 6 lks. N. of cor. and a steel fence post with sign mkd. BOUNDARY FORT APACHE INDIAN RESERVATION, 3 lks. S. of cor.</p> <p>Encircled the iron post with a collar of stone, 4 ft. base to top.</p>

Dependent Resurvey of a Portion of the East Boundary of the White Mountain
 Apache Indian Reservation, thru Unsurveyed T. 3 1/2 N., R. 28 E,
 Gila and Salt River Meridian, Arizona, and thru Unsurveyed
 T. 4 N., R. 27 1/2 E, Gila and Salt River Meridian, Arizona

CHAINS	
	<p>Add the marks 2013 to the brass cap.</p> <hr/> <p>S. 0°01' W., beginning new measurement, continuing on the E. bdy. of the White Mountain Apache Indian Reservation.</p> <p>Over rolling and broken land, through partly burnt timber, along a barbed wire fence.</p> <p>15.35 Reservation Creek, 23 lks. wide, 18 ins. deep, course SE. (Rec. Trout Creek)</p> <p>40.14 Mile post 13, monumented with an iron post, 3 ins. diam., loosely set, with brass cap mkd. WMIR 13M PL 1913, from which the remaining 1913 bearing tree;</p> <p style="padding-left: 40px;">A pine, 30 ins. diam., bears S. 17° E., 36 lks. dist., with a healed blaze and a BT tag.</p> <p>from which new bearing objects</p> <p style="padding-left: 40px;">The mark X on top of a boulder 10 x 7 ft., projecting 12 ft., bears N. 45° E., 28.25 lks. dist.</p> <p style="padding-left: 40px;">The mark X on top of a boulder 4 x 3.5 ft., projecting 3.5 ft., bears S. 60° W., 24 lks. dist.</p> <p style="padding-left: 40px;">The mark X on top of a boulder 3.5 x 2.5 ft. projecting 1.5 ft., bears N. 50° W., 16.25 lks. dist.</p> <p>Reset the iron post, 35 ins. long, filled with concrete, 12 ins. in the ground to bedrock, in a mound of stone, 4 ft. base, to top of brass cap.</p> <p>Cor. is located 2.3 ft. west of a barbed wire fence, bears N. and S.</p> <p>A steel fence post, is set alongside the cor., with attached sign mkd. BOUNDARY FORT APACHE INDIAN RESERVATION, facing E. and attached USFS signs # 54-2 and # 54-4 facing W. Removed the steel fence post and signs.</p> <p>Set a steel fence post with attached USFS signs # 54-2 and # 54-9, 3.8 lks. N. of cor. and a steel fence post with sign mkd. BOUNDARY FORT APACHE INDIAN RESERVATION, 3 lks. S. of cor.</p> <p>Add the marks 2013 to the brass cap.</p> <hr/> <p>S. 0°05' E., on the E. bdy. of the White Mountain Apache Indian Reservation.</p>

Dependent Resurvey of a Portion of the East Boundary of the White Mountain
 Apache Indian Reservation, thru Unsurveyed T. 3 1/2 N., R. 28 E,
 Gila and Salt River Meridian, Arizona, and thru Unsurveyed
 T. 4 N., R. 27 1/2 E, Gila and Salt River Meridian, Arizona

CHAINS	
	<p>Over mountainous and hilly terrain, through partly burnt timber, along a barbed wire fence.</p> <p>39.97 Mile post 13 1/2, monumented with an iron post, 1 in. diam., firmly set, projecting 14 ins. above ground, in an embedded mound of stone, with brass cap mkd. WMIR 13 1/2 M 1913, from which the remaining 1913 bearing tree;</p> <p style="padding-left: 40px;">A pine, 18 ins. diam., bears S. 86 1/2° E., 48 lks. dist., with healed blaze and a BT tag.</p> <p>and a new bearing tree</p> <p style="padding-left: 40px;">A pine, 15 ins. diam., bears S. 38° W., 16.5 lks. dist., mkd. X at breast height and BT at base, with a BT tag.</p> <p>Cor. is located in a barbed wire fence, bears N. and S.</p> <p>A steel fence post, is set alongside the cor., with attached sign mkd. BOUNDARY FORT APACHE INDIAN RESERVATION, facing E. and attached USFS signs # 54-2 and # 54-4 facing W. Removed the steel fence post and signs.</p> <p>Set a steel fence post with attached USFS signs # 54-2 and # 54-9, 3.8 lks. N. of cor. and a steel fence post with sign mkd. BOUNDARY FORT APACHE INDIAN RESERVATION, 3.5 lks. S. of cor.</p> <p>Add the marks 2013 to the brass cap.</p> <hr style="width: 20%; margin: 20px auto;"/> <p>South, beginning new measurement, continuing on the E. bdy. of the White Mountain Apache Indian Reservation.</p> <p>Over rolling land, through partly burnt timber, along a barbed wire fence.</p>
38.40	Small creek, 9 lks. wide, 12 ins. deep, course SE.
40.08	<p>Mile post 14, monumented with an iron post, 3 ins. diam., firmly set, projecting 8 ins. above the ground, with brass cap mkd. WMIR 14M PL 1913, from which the remaining 1913 bearing trees;</p> <p style="padding-left: 40px;">A pine, 36 ins. diam., bears N. 11° E., 51 lks. dist., with a healed blaze and a BT tag.</p> <p style="padding-left: 40px;">A pine, 24 ins. diam., bears S. 8 1/2° E., 55 lks. dist., no marks visible, with a BT tag.</p> <p style="padding-left: 40px;">A pine, 18 ins. diam., bears S. 42 1/2° W., 41 lks. dist., with a healed blaze and a BT tag.</p>

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Dependent Resurvey of a Portion of the East Boundary of the White Mountain
Apache Indian Reservation, thru Unsurveyed T. 3 1/2 N., R. 28 E,
Gila and Salt River Meridian, Arizona, and thru Unsurveyed
T. 4 N., R. 27 1/2 E, Gila and Salt River Meridian, Arizona

CHAINS	
	<p>A burnt stump, 6 ins. diam., bears N. 53° W., 58 lks. dist.</p> <p>and a new bearing tree</p> <p>A pine, 12 ins. diam., bears N. 55° W., 98 lks. dist., mkd. X at breast height and BT at base, with a BT tag.</p> <p>Cor. is located in a barbed wire fence, bears N. and S.</p> <p>A steel fence post, laying loose, 25 lks. north of the cor., with attached sign mkd. BOUNDARY FORT APACHE INDIAN RESERVATION, on one side and attached USFS signs # 54-2 and # 54-4 on the other side. Remove the steel fence post and signs.</p> <p>Set a steel fence post with attached USFS signs # 54-2 and # 54-9, 2 lks. N. of cor. and a steel fence post with sign mkd. BOUNDARY FORT APACHE INDIAN RESERVATION, 2.3 lks. S. of cor.</p> <p>Add the marks 2013 to the brass cap.</p> <hr/> <p>S. 0°06' W., on the E. bdy. of the White Mountain Apache Indian Reservation.</p> <p>Over rolling land, through partly burnt timber, along a barbed wire fence.</p>
21.09	Trail road, 23 lks. wide, bears N. 75° E., and S. 75° W.
40.02	<p>Mile post 14 1/2, monumented with an iron post, 1 in. diam., firmly set, projecting 13 ins. above ground, with brass cap mkd. WMIR 14 1/2 M 1913, from which the remaining 1913 bearing tree;</p> <p>A stump, 24 ins. diam., bears S. 36 1/2° W., 26 lks. dist., with a BT tag nearby.</p> <p>and new bearing trees</p> <p>A pine, 24 ins. diam., bears N. 42° E., 88.5 lks. dist., mkd. X at breast height and BT at base, with a BT tag.</p> <p>A pine, 18 ins. diam., bears N. 11° W., 123.5 lks. dist., mkd. X at breast height and BT at base, with a BT tag.</p> <p>Cor. is located alongside a barbed wire fence, bears N. and S.</p> <p>A steel fence post, loosely set near the cor., with an attached illegible sign, facing E. and 2 attached illegible signs on the W. face, remove the steel fence post and signs.</p>

Dependent Resurvey of a Portion of the East Boundary of the White Mountain
 Apache Indian Reservation, thru Unsurveyed T. 3 1/2 N., R. 28 E,
 Gila and Salt River Meridian, Arizona, and thru Unsurveyed
 T. 4 N., R. 27 1/2 E, Gila and Salt River Meridian, Arizona

CHAINS	
	<p>Set a steel fence post with attached USFS signs # 54-2 and # 54-9, 2.3 lks. N. of cor. and a steel fence post with sign mkd. BOUNDARY FORT APACHE INDIAN RESERVATION, 4.5 lks. S. of cor.</p> <p>Encircled the iron post with a collar of stone, 2 ft. base to top.</p> <p>Add the marks 2013 to the brass cap.</p> <hr/> <p>S. 0°04' W., beginning new measurement, continuing on the E. bdy. of the White Mountain Apache Indian Reservation.</p> <p>Over rolling land, through partly burnt timber, along a barbed wire fence.</p>
7.73	Remains of a 1913 line tree, a stump hole, 30 ins. diam.
35.83	Remains of a 1913 line tree, a stump hole, 42 ins. diam.
40.05	<p>Mile post 15, monumented with an iron post, 2 ins. diam., firmly set, projecting 7 ins. above the ground, in an embedded mound of stone, 1.5 ft. base, with brass cap mkd. WMIR 15M PL 1913, from which the remaining 1913 bearing trees;</p> <p>A stump hole, 36 ins. diam., bears N. 67 1/2° E., 51 lks. dist.</p> <p>A stump hole, 36 ins. diam., bears S. 59° E., 27 lks. dist.</p> <p>A pine, 36 ins. diam., bears S. 55° W., 55 lks. dist., no marks visible, with a BT tag.</p> <p>and new bearing trees</p> <p>A pine, 24 ins. diam., bears N. 29° E., 106.5 lks. dist., mkd. X at breast height and BT at base, with a BT tag.</p> <p>A pine, 10 ins. diam., bears S. 10° E., 78 lks. dist., mkd. X at breast height and BT at base, with a BT tag.</p> <p>A pine, 18 ins. diam., bears N. 22° W., 107.5 lks. dist., mkd. X at breast height and BT at base, with a BT tag.</p> <p>Cor. is located in a barbed wire fence, bears N. and S.</p> <p>A steel fence post, is set alongside the cor., with attached sign mkd. BOUNDARY FORT APACHE INDIAN RESERVATION, facing E. and attached USFS signs # 54-2 and # 54-4 facing W. Removed the steel fence post and signs.</p>

Dependent Resurvey of a Portion of the East Boundary of the White Mountain
 Apache Indian Reservation, thru Unsurveyed T. 3 1/2 N., R. 28 E,
 Gila and Salt River Meridian, Arizona, and thru Unsurveyed
 T. 4 N., R. 27 1/2 E, Gila and Salt River Meridian, Arizona

CHAINS	
	<p>Set a steel fence post with attached USFS signs # 54-2 and # 54-9, 2.6 lks. N. of cor. and a steel fence post with sign mkd. BOUNDARY FORT APACHE INDIAN RESERVATION, 2.6 lks. S. of cor.</p> <p>Add the marks 2013 to the brass cap.</p> <hr/> <p>S. 0°03' W., on the E. bdy. of the White Mountain Apache Indian Reservation.</p> <p>Over rolling land, through partly burnt timber, along a barbed wire fence.</p> <p>40.02 Mile post 15 1/2, monumented with an iron post, 1 in. diam., firmly set, projecting 10 ins. above ground, in an embedded mound of stone, 1.5 ft. base, with brass cap mkd. WMIR 15 1/2 M 1913, from which the remaining 1913 bearing trees;</p> <p style="padding-left: 40px;">A burnt stump, 24 ins. diam., bears N. 57 1/2° E., 58 lks. dist.</p> <p style="padding-left: 40px;">A stump hole, 36 ins. diam., with burnt stump, 24 ins. diam., bears N. 2 1/2° W., 80 lks. dist.</p> <p>and new bearing trees</p> <p style="padding-left: 40px;">A pine, 15 ins. diam., bears N. 38° E., 30.5 lks. dist., mkd. X at breast height and BT at base, with a BT tag.</p> <p style="padding-left: 40px;">A pine, 18 ins. diam., bears S. 32° W., 37.5 lks. dist., mkd. X at breast height and BT at base, with a BT tag.</p> <p>Cor. is located in a barbed wire fence, bears N. and S.</p> <p>Set a steel fence post with attached USFS signs # 54-2 and # 54-9, 2.6 lks. N. of cor. and a steel fence post with sign mkd. BOUNDARY FORT APACHE INDIAN RESERVATION, 2.6 lks. S. of cor.</p> <p>Add the marks 2013 to the brass cap.</p> <hr/> <p>S. 0°06' W., beginning new measurement, continuing on the E. bdy. of the White Mountain Apache Indian Reservation.</p> <p>Over rolling land, through partly burnt timber, along a barbed wire fence.</p> <p>1.09 Trail road, 23 lks. wide, bears N. 60° E., and S. 60° W.</p> <p>25.45 Trail road, 23 lks. wide, bears E. and W.</p>

Dependent Resurvey of a Portion of the East Boundary of the White Mountain
 Apache Indian Reservation, thru Unsurveyed T. 3 1/2 N., R. 28 E,
 Gila and Salt River Meridian, Arizona, and thru Unsurveyed
 T. 4 N., R. 27 1/2 E, Gila and Salt River Meridian, Arizona

CHAINS	
40.07	<p>Mile post 16, monumented with an iron post, 3 ins. diam., loosely set, in an embedded mound of stone, 3 ft. base, with brass cap mkd. WMIR 16M PL 1913, from which the remaining 1913 bearing trees;</p> <p>A pine, 27 ins. diam., bears N. 73 1/2° E., 87.5 lks. dist., with a healed blaze and a BT tag. (Record: 85 lks.)</p> <p>An oak, 16 ins. diam., bears S. 42 1/2° W., 120 lks. dist., no marks visible, with a BT tag.</p> <p>A pine, 27 ins. diam., bears N. 50° W., 97 lks. dist., with a healed blaze and a BT tag.</p> <p>and a new bearing tree</p> <p>A pine, 15 ins. diam., bears S. 13° E., 61.5 lks. dist., mkd. X at breast height and BT at base, with a BT tag.</p> <p>Reset the iron post, 35 ins. long, filled with concrete 6 ins. in the ground to bedrock, in a mound of stone, 5 ft. base, to top of brass cap.</p> <p>Deposit a magnet, in a white plastic case, at the base of the iron post.</p> <p>Cor. is located in a barbed wire fence, bears N. and S.</p> <p>A steel fence post, is set 2.7 lks. S. of the cor., with attached sign mkd. BOUNDARY FORT APACHE INDIAN RESERVATION, facing E. and attached USFS signs # 54-2 and # 54-4 facing W.</p> <p>Set a steel fence post with attached USFS signs # 54-2 and # 54-9, 5 lks. N. of cor.</p> <p>Add the marks 2013 to the brass cap.</p> <hr/> <p>South, on the E. bdy. of the White Mountain Apache Indian Reservation.</p> <p>Over rolling land, through partly burnt timber, along a barbed wire fence.</p>
37.43	<p>Remains of a 1913 line tree, a burnt stump, 30 ins. diam. (Rec. 37.50 chs.)</p>
40.02	<p>Mile post 16 1/2, monumented with an iron post, 1 in. diam., firmly set, projecting 11 ins. above ground, with brass cap mkd. WMIR 16 1/2 M 1913, from which the remaining 1913 bearing trees;</p>

Dependent Resurvey of a Portion of the East Boundary of the White Mountain
 Apache Indian Reservation, thru Unsurveyed T. 3 1/2 N., R. 28 E,
 Gila and Salt River Meridian, Arizona, and thru Unsurveyed
 T. 4 N., R. 27 1/2 E, Gila and Salt River Meridian, Arizona

CHAINS	
	<p>A stump hole, 36 ins. diam., bears N. 51 1/2° E., 61 lks. dist.</p> <p>A burnt stump, 24 ins. diam., bears N. 34 1/2° W., 97 lks. dist.</p> <p>and new bearing trees</p> <p>A pine, 18 ins. diam., bears S. 70° E., 73.5 lks. dist., mkd. X at breast height and BT at base, with a BT tag.</p> <p>A pine, 18 ins. diam., bears N. 75° W., 70 lks. dist., mkd. X at breast height and BT at base, with a BT tag.</p> <p>Cor. is located in a barbed wire fence, bears N. and S.</p> <p>Set a steel fence post with attached USFS signs # 54-2 and # 54-9, 2.7 lks. N. of cor. and a steel fence post with sign mkd. BOUNDARY FORT APACHE INDIAN RESERVATION, 6.4 lks. S. of cor.</p> <p>Add the marks 2013 to the brass cap.</p> <hr/> <p>S. 0°02' E., beginning new measurement, continuing on the E. bdy. of the White Mountain Apache Indian Reservation.</p> <p>Over nearly level land, through partly burnt timber, along a barbed wire fence.</p>
30.15	Remains of a 1913 line tree, a stump hole, 42 ins. diam.
35.15	Remains of a 1913 line tree, a stump hole, 48 ins. diam.
40.07	<p>Mile post 17, monumented with an iron post, 3 ins. diam., firmly set, projecting 9 ins. above ground, in an embedded mound of stone, 2 ft. base, with brass cap mkd. WMIR 17M PL 1913, from which the remaining 1913 bearing trees;</p> <p>A stump hole, 48 ins. diam., bears N. 30° E., 48 lks. dist.</p> <p>A pine, 20 ins. diam., bears S. 22° E., 31 lks. dist., with a healed blaze and a BT tag.</p> <p>A burnt stump, 26 ins. diam., bears S. 7° W., 23 lks. dist.</p> <p>An oak, 15 ins. diam., bears N. 54° W., 5 lks. dist., no marks visible, with a BT tag.</p> <p>and new bearing trees</p>

Dependent Resurvey of a Portion of the East Boundary of the White Mountain
 Apache Indian Reservation, thru Unsurveyed T. 3 1/2 N., R. 28 E,
 Gila and Salt River Meridian, Arizona, and thru Unsurveyed
 T. 4 N., R. 27 1/2 E, Gila and Salt River Meridian, Arizona

CHAINS	
	<p>A pine, 9 ins. diam., bears N. 74° E., 74.5 lks. dist., mkd. X at breast height and BT at base, with a BT tag.</p> <p>A pine, 32 ins. diam., bears S. 75° W., 87.5 lks. dist., mkd. X at breast height and BT at base, with a BT tag.</p> <p>Cor. is located 0.8 ft. west of a barbed wire fence, bears N. and S.</p> <p>A steel fence post, is set alongside the cor., with attached sign mkd. BOUNDARY FORT APACHE INDIAN RESERVATION, facing E. and attached USFS signs # 54-2 and # 54-4 facing W. Removed the steel fence post and signs.</p> <p>Set a steel fence post with attached USFS signs # 54-2 and # 54-9, 2.7 lks. N. of cor. and a steel fence post with sign mkd. BOUNDARY FORT APACHE INDIAN RESERVATION, 5 lks. S. of cor.</p> <p>Add the marks 2013 to the brass cap.</p> <hr/>
40.02	<p>S. 0°04' W., on the E. bdy. of the White Mountain Apache Indian Reservation.</p> <p>Over nearly level land, through partly burnt timber, along a barbed wire fence.</p> <p>Mile post 17 1/2, monumented with an iron post, 1 in. diam., firmly set, projecting 15 ins. above ground, with brass cap mkd. WMIR 17 1/2 M 1913, from which the remaining 1913 bearing trees;</p> <p>A pine, 24 ins. diam., bears N. 55° E., 23 lks. dist., with a healed blaze and a BT tag.</p> <p>A pine, 30 ins. diam., bears N. 40° W., 13 lks. dist., no marks visible, with a BT tag.</p> <p>Cor. is located 0.7 ft. west of a barbed wire fence, bears N. and S.</p> <p>A steel fence post, is set alongside the cor., with attached sign mkd. BOUNDARY FORT APACHE INDIAN RESERVATION, facing E. and attached USFS signs # 54-2 and # 54-4 facing W. Removed the steel fence post and signs.</p> <p>Set a steel fence post with attached USFS signs # 54-2 and # 54-9, 4.5 lks. N. of cor. and a steel fence post with sign mkd. BOUNDARY FORT APACHE INDIAN RESERVATION, 2.3 lks. S. of cor.</p> <p>Encircled the iron post with a collar of stone, 2 ft. base to top.</p>

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Dependent Resurvey of a Portion of the East Boundary of the White Mountain
 Apache Indian Reservation, thru Unsurveyed T. 3 1/2 N., R. 28 E,
 Gila and Salt River Meridian, Arizona, and thru Unsurveyed
 T. 4 N., R. 27 1/2 E, Gila and Salt River Meridian, Arizona

CHAINS	
	Add the marks 2013 to the brass cap.

	S. 0°04' W., beginning new measurement, continuing on the E. bdy. of the White Mountain Apache Indian Reservation.
	Descending over rolling, broken and mountainous land, through partly burnt timber, along a barbed wire fence.
0.35	Rocky ledge, bears NE. and SW., descend 687 ft. to
40.10	Mile post 18, monumented with an iron post, 3 ins. diam., firmly set, projecting 12 ins. above ground, with brass cap mkd. WMIR 18M PL 1913, from which the remaining 1913 bearing trees;
	A pine, 28 ins. diam., bears N. 57° E., 24 lks. dist. with a healed blaze and a BT tag.
	A pine, 28 ins. diam., bears S. 72° E., 22 lks. dist., mkd. WMIR 18 M BT, with a BT tag.
	A pine, 22 ins. diam., bears N. 17° W., 82 lks. dist., with a healed blaze and a BT tag.
	and a new bearing tree
	A pine, 21 ins. diam., bears S. 12° W., 144.5 lks. dist., mkd. X at breast height and BT at base, with a BT tag.
	Cor. is located 2 ft. west of a barbed wire fence, bears N. and S.
	A steel fence post, is set 3.5 lks. S. of the cor., with attached sign mkd. BOUNDARY FORT APACHE INDIAN RESERVATION, facing E. and attached USFS signs # 54-2 and # 54-4 facing W.
	Set a steel fence post with attached USFS signs # 54-2 and # 54-9, 2.6 lks. N. of cor.
	Add the marks 2013 to the brass cap.

Unsurveyed T. 3 1/2 N., R. 28 E, Gila and Salt River Meridian, Arizona,
and Unsurveyed T. 4 N., R. 27 1/2 E, Gila and Salt River Meridian, Arizona

CHAINS	<p data-bbox="662 300 971 325">GENERAL DESCRIPTION</p> <hr data-bbox="386 352 1409 357"/> <p data-bbox="386 390 1422 478">The area resurveyed is situated about 35 miles SW. of Springerville, Arizona and about 10 miles South of Reservation Lake in the White Mountain Apache Indian Reservation.</p> <p data-bbox="386 512 1422 630">The terrain varies from nearly level to rolling to mountainous with dense stands of firs, spruce, pine and aspen. Varying degrees of burnt timber was noted, from mile post 9 1/2 to mile post 18.</p> <p data-bbox="386 663 1422 781">Access is provided by Forest Service Road #116 and #116A and White Mountain Apache Indian Reservation Road #70 and #40. The elevations range from about 6700 ft. to 8200 ft. above sea level.</p> <p data-bbox="386 814 1422 903">The mean magnetic declination of 10° E. was derived from the National Oceanic and Atmospheric Administration, on line magnetic field calculator for a date of the survey.</p> <hr data-bbox="386 930 1409 934"/>
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CERTIFICATE OF SURVEY

I, Blas J. Urena, Cadastral Surveyor, HEREBY CERTIFY upon honor, that in pursuance of special instructions bearing date of the 24th day of August, 2012, I have dependently resurveyed a portion of the east boundary of the White Mountain Apache Indian Reservation thru unsurveyed Township 3 1/2 North, Range 28 East and thru unsurveyed Township 4 North, Range 27 1/2 East of the Gila and Salt River Meridian, in the State of Arizona, which are represented in the foregoing field notes as having been executed by me and under my direction. Said survey has been made in strict conformity with said special instructions, the Manual of Surveying Instructions for the Survey of the Public Lands of the United States, 2009, and in specific manner described in the foregoing field notes.

6/11/2014
(Date)

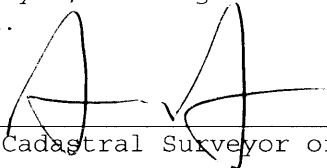
Blas J. Urena
(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
Phoenix, Arizona

The foregoing field notes of the dependent resurvey of a portion of the east boundary of the White Mountain Apache Indian Reservation thru unsurveyed Township 3 1/2 North, Range 28 East and thru unsurveyed Township 4 North, Range 27 1/2 East, Gila and Salt River Meridian, in the State of Arizona, executed by Blas J. Urena, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

6/17/2014
(Date)


(Chief Cadastral Surveyor of Arizona)

~~CERTIFICATE OF TRANSCRIPT~~

~~I CERTIFY That the foregoing transcript of the field notes of the above described surveys thru Unsurveyed T. 3 1/2 N., R. 28 E. and thru Unsurveyed T. 4 N., R. 27 1/2 E., Gila and Salt River Meridian, Arizona, is a true copy of the original field notes.~~

~~_____
(Date)~~

~~_____
(Chief Cadastral Surveyor of Arizona)~~